

PUBLISHERS & IMPORTERS  
OF  
STANDARD  
SCIENTIFIC WORKS.

S. E. CASSINO,  
NATURALISTS' AGENCY,  
Salem, Mass.

DEALERS IN  
BOOKS, INSTRUMENTS,  
and MATERIAL used by  
NATURALISTS.

H

Mar 29<sup>th</sup> 1871

Dear Mr Davenport

Many thanks for

your notice of the new book in  
the Transcript for the 21<sup>st</sup>. With  
your leave we will use parts of it  
in our advertisement.

Have you received a copy from us?  
if not we will send one at once.  
We do not find any record of having  
sent you one. We should have  
written you before this, but have been  
in Boston, nearly every day since, and  
have each time intended to call on you,  
but just missed it.

Yours. Respectfully

S. E. Cassino

As we will send a copy of  
the book with this as  
we thank you very  
much for your kind  
and anxious

PROSPECTUS OF AN  
Important Work on Ferns.  
ILLUSTRATIONS OF  
The Ferns of North America.  
Text by Prof. Daniel C. Eaton, of Yale College.  
Illustrations by Mr. Jas. H. Emerton.  
Published by  
S. E. CASSINO, NATURALISTS' AGENCY.  
Salem, Mass.

The need of a carefully prepared, and thoroughly illustrated work on the American Ferns, has long been felt by those studying these beautiful plants. As yet, no work whatever has made its appearance which contains even a portion of all the American species, and the few which have been flattered to appear are found scattered through so many works, that it is quite impossible to find them, even in an excellent library.

Prof. Eaton has for a long time had in contemplation the writing of a work which should possess all the requirements of a scientific student and at the same time be so popular, and so thoroughly illustrated that the number of practical methods could be applicable to the general use, to determine any of the American Ferns.

The great cost of preparing the plates, suitably drawn and colored, for illustrating a work of such extent, has until now, debarred publishers from undertaking its publication. The undersigned has decided to undertake to publish the work, believing that he will be assisted by the Botanists of America, and his facilities for properly bringing the work before the scientific world are unsurpassed.

The services of Mr. J. H. Emerton, well known for his remarkably accurate, and highly finished Natural History drawings, have been secured. Prof. Eaton, Dr. Gray, Mr. Emerton's great experience as a naturalist, and his knowledge of botany will give assurance that the illustrations will not be excelled by any yet published and that the work will be a fit companion to the "Wild Flowers of Amer-ica," now publishing.

Prof. Eaton's herbarium of Ferns is the largest in America and he is constantly in receipt of additional plants from all parts of the country. He therefore has a power to select the best and most interesting specimens for illustrations than any other person. Besides the labor of Prof. Eaton and Mr. Emerton, Dr. Gray of Cambridge, has expressed an interest in the undertaking and kindly offered the use of the extensive herbarium of the Botanical Gardens, for consulting the Mexican and South American species. He also offers the use of his Davenport herbarium of Ferns. The publishers will also have the assistance of Mr. J. Robinson, well known as a Fern specialist. Mr. Geo. E. Davenport and Mr. Chas. E. Faxon, of Boston; Mrs. Conner of Santa Barbara, Cal., and others in various parts of the country, have kindly offered their assistance.

Hon. J. Warren Merrifield, of Boston, has offered his valuable collection of Ferns in exchange for a copy in each volume. The author has also a very valuable collection of Ferns in cultivation, has very liberally offered living specimens from any of his plants to be used in making the drawings and in coloring.

The Work will be issued in large quarto parts, at intervals of about two months, the first as fast as the plates can be printed. The price of the publication of the Work, even including the cost of mailing in the U. S., will be figure. Each part will contain three elegant plates, colored by Chromo-Lithography, giving exact representations of from one to three species each. The paper on which the plates are printed will be the best in the market. It will require about twenty parts to complete the work.

The plates will be sent to the subscriber, free of charge, by the well known firm of Rand, Avery & Co., on super-colored paper, made expressly for the work.

The Subscription price, will be \$1.00 per part, which it is believed, is lower than any work of the same nature and quality yet published.

Botanists desirous to obtain the work before subscribing, will receive a sample plate and text, by mail upon application.

For the benefit of any young botanists who do not feel able to purchase the Work, the publisher offers an opportunity to obtain a copy, by procuring a few subscribers in their vicinity. Any lady can easily obtain four subscribers for the Work among her friends and thus secure a copy for nothing.

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H

I

Jan 4<sup>th</sup>

1875

Mr George Davenport

My Dear Sir;

Yours of 3<sup>d</sup> at hand. We have arranged with author, artist and printer, to issue the parts over a month, and we intend to do so from this time forward, and your correspondent may be assured that the work will be finished in a little over two years. If Miss Neltan can send us two names for the fem, we will send her the first w<sup>th</sup> parts, and before these are all out, she can probably find two more subs.

At present, we have sold copies enough to insure us a very good profit, and subscriptions are coming in quite freely now. If they all hold out

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The need of a carefully prepared, and thoroughly illustrated work on the American Ferns, has long been felt by those studying these beautiful plants. As yet, no work whatever has made its appearance which contains even a description of our American species, and the few that have been written are at a great disadvantage through so many of them as it is now impossible to find them, even in an excellent library.

Prof. Eaton has for a long time had in contemplation the writing of a work which should possess all the requirements of a scientific student and at the same time be so popular, and so thoroughly illustrated that those unfamiliar with botanical methods could be enabled with pleasure to determine any of the specimens.

The great cost of preparing the plates, suitably drawn and colored, for illustrating a work of such extent, has until now, debarred publishers from undertaking its publication. The undersigned has decided to undertake to publish the work, believing that he will be sustained by the Botanists of America in their facilities for properly bringing the most interesting and beautiful world are unsurpassed.

The services of Mr. J. H. Emerton, so well known for his remarkably accurate, and highly finished Natural History drawings, have been secured to illustrate the work. Mr. Emerton's great experience as a botanical draughtsman, and his knowledge of many hill give added value to the illustrations, which are unequalled by any yet published, and that the work will be a fit companion to the "Wild Flowers of America," now publishing.

Prof. Eaton's herbarium of Ferns is the largest in America and he is constantly in receipt of additional plants from all parts of the country. He is therefore in a position to better control the necessary specimens than any other person, and to offer them to other persons. Besides the labors of Prof. Eaton, Mr. Emerton, Dr. Gray of Cambridge, has expressed an interest in the undertaking and kindly offered the use of the extensive herbarium of the Botanical Gardens, for consultation. The Mass. Horticultural Society, has also freely offered the use of their herbarium of Ferns. Other subscribers will also be welcome to offer their services, well known as a Fern specialist. Mr. Geo. E. Brainerd and Mr. Chas. E. Faxon, of Boston, Mrs. Cooper of Santa Barbara, Cal, and others in various parts of the country, have kindly offered their assistance.

Hon. J. Warner Merrill, widely known as having the largest and most valuable collection of American Ferns in cultivation has very generously offered to bring specimens from any part of the country to assist in making the drawings and in coloring.

The Work will be issued in large quarto parts, at intervals of about two months, which is as fast as the plates can be prepared. In the course of the preparation of the Work, every species to be named will be described, and figures of each part to contain three clear drawings, colored by Chromo Lithograph, giving exact representations of from one to three species each. The paper on which the plates are printed will be the best in the market. It will require about twenty parts to complete the work.

The text will be printed in large beautiful type, by the well known firm of Rand, Avery & Co., and supercalculated paper made expressly for the work.

The subscription price will be \$1.00 per part, which it is believed, is lower than any work of the same nature and quality yet published.

Botanists, who desire to inspect the work before subscribing, will receive a sample plate and text, by mail upon application.

For the benefit of some ladies who do not feel able to purchase the Work, the publisher offers an opportunity to obtain a copy, by procuring a few subscribers in their vicinity. Any lady can easily obtain four subscribers for the Work among her friends and thus secure a copy for nothing.

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187

to the end, the work will be a success  
financially. We do not keep the  
paper you speak of. Would not the  
white feltatin, sometimes used by  
printers for cards etc. answer your  
purpose? You can find it at Carter,  
Rice & Co's Federal St.

Yours Respectfully  
S. E. Cassino

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The need of a carefully prepared, and thoroughly illustrated work on the American Ferns, has long been felt by those studying these beautiful plants. For years now, whatever has made its appearance will contain an description of a yet unnamed species, and the few that have been named at all, are found scattered through so many fern works, that it is quite impossible to find them, even in an excellent library.

Prof. Eaton has for a long time had in contemplation the writing of a work which should possess all the requirements of a scientific student, and at the same time be so popular, and so thoroughly interesting, that every one who used his botanical methods could be able with ease to determine any of our American Ferns.

The great cost of preparing the plates, suitably drawn and colored, for illustrating a work of such extent, has until now, debarred publishers from undertaking its publication. The undersigned has decided to undertake to publish the work, believing that he will be assisted by the aid of the American Academy, and by his facilities for properly bringing the work before the scientific world are unsurpassed.

The services of Mr. J. H. Emerton, so well known for his remarkable accuracy, and highly finished Natural History drawings, have been secured to illustrate the work. Mr. Emerton's great experience as a naturalist, and his knowledge of botany will give assurance that the illustrations will not be excelled by any yet published and that the work will be a fit companion to the "Wild Flowers of America," now publishing.

Prof. Eaton's herbarium of Ferns is the largest in America, and probably the best for the purpose of this work. He has many specimens for illustrations than any other person. Besides the labors of Prof. Eaton and Mr. Emerton, Dr. Gray of Cambridge, has expressed an interest in the undertaking and kindly offered the use of the extensive herbarium of the Botanical Garden for consultation. The Boston Linnaean Society has also given the assistance of Mr. J. Robinson, well known as a Fern specialist. Mr. Geo. E. Davenport and Mr. Chas. E. Faxon, of Boston, Mrs. Cooper of Santa Barbara, Cal., and others in various parts of the country, have kindly offered their assistance.

Prof. J. Warren Miers, of New York, has also given his assistance, and a valuable collection of living Ferns in cultivation, was very liberally offered, living specimens from many of his plants to be used in making the drawings and in coloring.

The Work will be issued in large quarto parts, at intervals of about two months, which is as fast as the plates can be prepared. In the course of the publication of the Work, every species known to inhabit the U. S. will be figured. Each part will contain three or four plates, colored by Chromo Lithography, giving exact representations of from one to three species each. The paper on which the plates are printed will be the best in the market. It will require about twelve parts to complete the work.

The text will be printed on large paper, new paper, by the well known firm of Rand, Avery & Co., on supercalendared paper, made expressly for the work.

The subscription price, will be \$1.00 per part, which it is believed, is lower than any of the same nature and quality yet published.

Botanists, desirous to inspect the work before subscribing, will receive a sample plate and text, by mail upon application.

For the benefit of young botanists who do not feel able to purchase the Work, the publisher offers an opportunity to obtain a copy, by procuring a few subscribers in their vicinity. Any lady can easily obtain four subscribers for the Work among her friends and thus secure a copy for nothing.

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Feb 2<sup>nd</sup> 1878

H

Dear Mr. Davenport

Your favor of 30<sup>th</sup>  
at hand. We send Miss E. A. Bellin  
a copy of part 1<sup>st</sup> to day.

Mr. Plimpton's copy of Ferns was sent  
some time ago, have written him to  
know if it has arrived.

We shall try and have the colors as  
near Mr. Emerton's originals as possible,  
but to make them exact would require  
from 12 to 15 printings and would cost  
at least \$90. per plate more.

The lithographers will of course do better  
as they have more practice on this kind of work.

Yours Respectfully  
S. E. Cassino

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The need of a carefully prepared, and thoroughly illustrated work on the American Ferns, has long been felt by those studying these beautiful plants. As yet, no work whatever has made its appearance which gives a detailed description of all American species, and the few which have figured at all, are found scattered through so many works, that it is quite impossible to find them, even in an excellent library.

Prof. Eaton has for a long time had in contemplation the writing of a work which should possess all the requirements of a scientific student and at the same time be popular, and so thoroughly illustrated that any amateur who understood methods could be able with perfect ease to determine any of our American Ferns.

The great cost of preparing the plates, suitably drawn and colored, for illustrating a work of such extent, has until now, debarred publishers from undertaking its publication. The undersigned has decided to undertake to publish the work, believing that he will be sustained by the Botanists of America in their facilities for properly bringing the work before the scientific world are unsurpassed.

The services of Mr. J. H. Emerton, so well known for his remarkably accurate, and highly finished Natural History drawings, have been secured to illustrate the work. Mr. Emerton's great experience as a botanical draughtsman and his knowledge of botany will give to every illustration of the ferns to be excelled by any yet published and that the work will be a fit companion to the "Wild Flowers of America," now publishing.

Prof. Eaton's herbarium of Ferns is the largest in America and he is constantly in receipt of additional plants from all parts of the country. It is therefore a pleasure to ascertain that the work will be illustrated more completely than any other person. Besides the labors of Prof. Eaton and Mr. Emerton, Dr. Gray of Cambridge, has expressed an interest in the undertaking and kindly offered the use of the extensive herbarium of the Botanical Garden, for consultation. The Mass. Horticultural Society has also freely offered the use of their herbarium of ferns. The publishers will also have the assistance of Mr. R. Brown, well known a Fern specialist. Mr. Geo. E. Davenport and Mr. Chas. E. Faxon, of Boston, Mrs. Cooper of Santa Barbara, Cal., and others in various parts of the country, have kindly offered their assistance.

Hon. J. Warren Meigs, a truly kind man, having the largest and most valuable collection of ferns in existence, has generously offered living specimens from among his plants to be used in making the drawings and in coloring.

The Work will be issued in large quarto parts, at intervals of about one month, which is as fast as the plates can be prepared. The course of the publication of the Work, every month, will be arranged with the U. S. Government. Each part will contain three or four plates, colored by Chromo Lithography, giving exact representations of from one to three species each. The paper on which the plates are printed will be the best in the market. It will require about twenty parts to complete the work.

The text will be printed on a large book hand, and by the well known firm of Rand, Avery and Talbott, New York. The paper, matec expresso, for the work.

The Subscription price, will be \$1.00 per part, which is believed, is lower than any work of the same nature, and quality yet published.

Botanists, who desire to inspect the work before subscribing, will receive a sample plate and text, by mail, upon application.

For the benefit of any young botanists who do not feel able to purchase the Work, the publisher offers an opportunity to obtain a copy, by procuring a few subscribers in their vicinity. Any lady can easily obtain four subscribers for the Work among her friends and thus secure a copy for nothing.

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H

SUBSCRIPTION BOOK DEPARTMENT.

Wild Flowers of America.  
Ferns of North America.  
Celebrated Dogs of America.  
Neats and Eggs of American Birds.

S. E. CASSINO,  
Publisher and Importer of  
**SCIENTIFIC BOOKS,**  
299 WASHINGTON STREET.

Boston, Mar. 29 1880.

Geo. E. Davenport, Esq.

Dear Sir;

Your favor  
of 26<sup>th</sup> at hand. We haven't  
a copy of the "Natis" all  
we had having been returned  
to Mr. Robinson.

We very much regret to  
say that we have no cop-  
ies of the plate Asp. serratin  
except those in the sets.  
Should we ever reprint, we  
will have a few extra copies  
made, and shall take pleasure

in giving you one. The  
plate was not redrawn  
as it was from any defect  
in the first one, but simply  
because the first drawing  
was erased through a mis-  
understanding. We may  
have a few copies of the  
text, and if we do will send  
you one. We can not  
do so however until the  
sheets are all collated ready  
for binding. We are very  
much obliged to you for  
what you have done for  
the work, and shall try  
and give you what you  
desire.

Yours Respy  
H. C. Cassino

SUBSCRIPTION BOOK DEPARTMENT.

Wild Flowers of America.  
Ferns of North America.  
Celebrated Dogs of America.  
Nests and Eggs of American Birds.

S. E. CASSINO.

Publisher and Importer of

SCIENTIFIC BOOKS,  
299 WASHINGTON STREET.

Boston. Apr 15 1850.

Dear Mr. Davenport.

We send you  
4 of your catalogues.  
They are all we have.  
Hence that had time to  
look up the acc. to know  
how much we owe  
you, but will do so  
any day you can call.  
We shall very likely issue  
a new part, but prefer  
to say nothing about

it at present. In about  
two months we will  
issue a circular in  
regard to it. We send  
Prof. Eaton's letter, which  
please return. Is your  
Arizona fern a new  
sp. or only new to this  
country?

James D. Gilby.  
The Leavenworth

SUBSCRIPTION BOOK DEPARTMENT.

Celebrated Horses of America.  
Wild Flowers of America.  
Ferns of North America.  
Celebrated Dogs of America.  
AGENTS WANTED.

S. E. CASSINO,  
Publisher and Importer of

**SCIENTIFIC BOOKS,**  
299 WASHINGTON STREET.

Boston, Sept 1 1881.

Mr Geo. E. Davenport,  
Dear Sir,  
Yours

favor of 11<sup>th</sup> duly  
received, but for an  
accident that made it  
very troublesome to write  
for which reason I have  
written as little as possible.  
We should not reward  
cuts unless they were satis-  
factory, and as nearly all

progress is the result of  
experimenting I see no harm  
in trying it.

I shall have to disagree  
with with in regard to the  
success of the new way if  
made like the first. As  
a matter of fact there are  
not subscribers enough who  
will take no additional parts  
to pay the <sup>actual cost</sup> ~~expenses~~ of each  
part, into \$400.00 As there  
is material enough for 3 parts  
it would save an actual  
loss of \$120.00.

I have seen my fine  
seats of them, colored by  
hand and I think the receipts  
would nearly pay for  
a small edition if

made in that way

Yours res't.  
F. S. C. -  
Enclosed.

W. S. WILSON,  
DEALER IN  
**BOOKS and STATIONERY,**

Wall Paper, Moulding, Picture Frames, Etc.

No. 91 Broad Street.

Elyria, O., Oct. 3<sup>rd</sup> 1881.

Mr. George D. Cawelt

Dear Sir -

Having had  
your name associated with other firms  
in many of the valuable papers I have  
taken. I thought I would write to  
you and see if you can get me  
any better firm. Will you be so kind  
as to let me know, what house you  
can get me a deal at what rates.  
Enclose find stamp for immediate reply.

Yours very truly

W. H. Cawelt

Elyria, O.

C. A. Mu - fr. ( - )  
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1 C. 30.  
1 C. 30.  
1 C. 30.

V

BROWN UNIVERSITY  
DEPARTMENT OF BOTANY.

W. WHITMAN BAILEY, LL. D.,  
*Professor.*

J. FRANKLIN COLLINS, PH. B.,  
*Curator and Instructor.*

EDWARD B. CHAMBERLAIN, A. B.,  
*Assistant.*

PROVIDENCE, R. I.

March 3d

1871

My Dear Mr. Davenport,

I enclose a specimen  
of the Botrychium which  
we were discussing at last  
Friday's meeting. I hope it  
will reach you safely, and  
will prove to be good B.  
matricariaefolium.

Very truly yours,

Edward B. Chamberlain

Sherman Heights School

HARLEY P. CHANDLER, B. S.,  
PRINCIPAL

SAN DIEGO, CALIFORNIA,

Nov. 21

1905

Mr. Geo. E. Davenport,

Dear Sir:

I am preparing a flora of Western San Diego County and should like very much to have your judgement in regard to the disposition of some of the ferns - If you will be kind enough to answer the following questions, the favor will be appreciated.

1. Do you accept Mazoris Asplenium respetinum as the name for our plant which has been called by local botanist A. Trichomanes incisum?
2. Do you regard the Californian Woodwardia as distinct from the eastern W. radicans? Poly. T. L. B. M.
3. What names do you accept for the old Asplenium muninum and A. argutum? Also for Cystopteris fragilis?  
If I can be of service to you by collecting or otherwise, please be free to command -

I believe you are acquainted through correspondence with my friends Mr. & Mrs. Brandegee & Mr. Daniel Cleveland -

Yours sincerely -  
Harley P. Chandler.

Monson. Mass.  
Oct 31. 1898.

Mr Targent.

Dear Sir.

Hill

Will you kindly answer my  
question I wish to ask  
about the Fern called the  
Bostonia and occurs in  
Boston in September &  
tried to find out for my  
self. I failed in all my  
attempts. Since my re-  
turn I read an interesting  
article in the New England  
Magazine upon the Herbar-  
ium. I saw your name &  
thought here is someone who

tell me what I wish to  
know. I was told that this  
new fern is a hybrid.

Is it made by crossing two  
of the species under the  
Genus Polypodium? It has  
such a strong resemblance  
to the Polypodiums which are  
in our woods. Will you please  
tell me if I am right - also  
the names of the species.

Are they found in Prof.  
Botany? I have a specimen  
with the fronds nicely  
twisted long.

I hope I have not troubled  
you. You would confer  
a great favor if you will  
please tell me.

I will be very obliging

Mr. C. L. Burm. in.

London,  
1785.

Enclosed please find a  
specimen.

"Nephrolepis exaltata  
var. Bifurcata

Winston, Mass.  
April 11, 1888.

Mr. Garrison, Esq.,

Your letter does

not call for a reply perhaps  
but I do wish to thank you  
for your kindness. I know  
now that Ann is not a  
Polygamist. I have a friend  
in Washington D. C. 11. for  
writing to Mr. Gage. I used  
to have to see if she could visit  
you, but she has nothing  
about it. Now, I do. I have  
the great pleasure of giving  
her some in for a certain  
thank to you. I thank you  
for introducing the Magazine.

I have not yet written you first.  
I am so glad I have afforded  
Botany, for in that, I find  
the greatest pleasure of this  
new found field. I have  
done of Dr. Bolong's herbarium  
is not in either of them.  
I would not trouble you  
any longer, with my long  
letter. Again please accept  
my heartfelt thanks.

With sincere regards

C. W. C. Chapman.

(Mr. C. W. Chapman.)

of your kind offer  
would be greatly  
appreciated.

Very truly yours

John C. Frémont

I am sorry to inform you that I have not yet received any information concerning the subject of your letter. I will do my best to get some into my possession & will let you know of its contents as soon as I do. I hope you will be satisfied with it.

Your book is to be published in the "American Review," and I would like to say how glad I am to have it in print, but it can only go to a limited number of persons, and so I expect

the price of the land, and  
the value of the buildings, & of all  
the property, are put 10%  
above.

I am afraid to say more, for  
my mother, who is writing this,  
will be shocked to hear you, and it  
is better

say, by, some  
of expense

*A. alachicola* Nov. 30. 1882.

My dear Davenport

Of course I forgot all about the ferns, having made no memorandum of the matter at the time. My only regret is in regard to the parvulum which is so common at Reme Ga where I remaine a month that I could have gathered any quantity. However perhaps I shall send with both species in quantity sufficient also for present use. I also enclose two other remains of another which I found on the cliffs of Lookout Mt ten years ago. I did not recognize it as familiar & sent it to Eaton, who to my surprise, but I suppose correctly, returned it as C. fragilis. Its large sori and dense lobing are to me peculiar.

I returned the last proofs of the Supplement yesterday. A few changes in title, preface &c & the Index are all that remain to complete the job. When this is done I shall ask Wilson to reserve a copy for you which you can

get on your order. For your sake I wish  
it was worth a mint.

Hannay heard that the gale of Sept had  
made sad havoc with my property here I has-  
tened home in Oct & have been fully occupied  
when able to be about, in setting things to rights.  
At present I am quite poorly.

Ophioglossum is common here in Feb. I you  
shall require more than I now send you let  
me know before that month.

Very truly Yours

A.W.Chapman.

Jan'y 15/83

Everything connected with the Supplement  
has gone forward, and I have directed  
a copy to be laid aside for you, sub-  
ject to your order, when completed - say in  
about a week after this reaches you.  
The Apt. bubo. is up, and I intend to gather  
largely. Sorry to hear of Tracy's accident. —  
we can't spare him these 20 years yet

Friendly Yours W C Chapman



NOTHING BUT THE ADDRESS CAN BE PLACED ON THIS SIDE.



Mr. George E. Davenport

Melford,

Massachusetts

28 Commonwealth Ave.

Boston, Nov. 15, 1902.

)  
Dear Mr. Davenport.

I am late  
in sending my congratulations  
on your political success  
because I wished to bring  
them in person and have been  
prevented by illness from  
coming to see you.

We all congratulate you on  
the Democratic party heartily  
and most sincerely. I hope  
to be able to call upon you soon  
just for a moment

and bear all about it.  
With best wishes for your  
health, Believe me  
Sincerely yours,  
Clara Imogene Cheney,

Popular success a premature effort

as

V

# NORTH AMERICAN FERNS.

Check List of the Ferns of the United States of North America, alphabetically arranged for exchanges by Geo. E. Davenport, Medford Mass., U. S. A., April, 1883. *Cheilanthes villosa* (Catal. Supplement) is omitted as not being yet fully established, and only the more important varieties are given.

<i>Acrostichum aureum</i> , L.	" viride, Huds.	<i>Ophioglossum crotalophoroides</i> , Walt.
<i>Adiantum Capillus-Veneris</i> , L.	Aneima adiantifolia, Swz.	" nudicante, L. fil.
" emarginatum, Hook.	" Mexicana, Klotz.	" palmatum, Plum.
" pedatum, L.	Blechnum serrulatum, Rich.	" vulgatum, L.
" tenerum, Swz.	Botrychium boreale, Milde.	<i>Osmunda cinnamomea</i> , L.
" tricholepis, Fee.	" lanceolatum, Ang.	" Claytoniana, L.
<i>Aspidium acrostichoides</i> , Swz.	" Lunaria, Swz.	" regalis, L.
" aculeatum, Swz.	" matricariaceum, A. Br.	<i>Pellaea andromedaefolia</i> , Fee.
b. var. angulare, Braun.	" simplex, Hitch.	" aspera, Baker.
d. var. Braunii, Desv.	" ternatum, Swz.	" atropurpurea, Link.
y. var. scopalinum, Eaton.	b. var. lunarioides, Milde.	" brachyptera, Baker.
<i>Boottia</i> , Tuckm.	d. var. obliquum, Milde.	Breweri, Eaton.
" conterminum, var.	" y. var. dissectum, Milde.	Bridgesii, Hook.
strigosum, Eaton.	Camptonotus rhizophylloides, Link.	" cordata, J. Sm.
eristatos, Swz.	Ceratopteris thalictroides, Brongn.	" densa, Hook.
b. var. Clintonianum, Eaton.	Cheilanthes argentea, Hook.	" flexuosa, Link.
Filix-mas, Swz.	" Alabamensis, Kze.	" gracilis, Hook.
<i>Floridaeum</i> , Eaton.	" Californiae, Mett.	" marginata, Baker.
" fragrans, Swz.	" Clevelandii, Eaton.	" ornithopus, Hook.
<i>Goldieanum</i> , Hook.	" Cooperi, Eaton.	" pulchella, Fee.
" juglandifolium, Kze.	" Fendleri, Hook.	" ternifolia, Link.
<i>Longitrichis</i> , Swz.	" gracillima, Eaton.	" Wrightiana, Hook.
marginalis, Swz.	langinosa, Nutt.	b. var. longimacronota.
<i>Mohrioides</i> , Bory.	lindigera, Swz.	d. var. compacta.
munitum, Kaulf.	leucopoda, Link.	<i>Phegopteris alpestris</i> , Mett.
b. var. imbricans, Eaton.	Lindheimeri, Hook.	" Dryopteris, Fee.
<i>Nevadense</i> , Eaton.	microphylla, Swz.	b. var. Robertianum.
<i>Noeboracense</i> , Swz.	myriophylla, Desv.	" hexagonoptera, Fee.
<i>Oreopteris</i> , Swz.	Parishi, Davenp. <i>Ringla</i> <i>Das</i> .	" polypodioides, Fee.
" patens, Swz.	petomentosa, Link.	<i>Polypodium aureum</i> , L.
<i>rigidum</i> , Swz.	b. var. Eaton.	" <i>Californicum</i> , Kaulf.
b. var. argutum, Eaton.	vestita, Swz. <i>v. Closa</i> <i>Das</i> .	" <i>falcatum</i> , Kelg.
<i>spinulosum</i> , Swz.	" viscida, Davenp.	" <i>incanum</i> , Swz.
b. var. dilatatum, Hornm.	" Wrightii, Hook.	" <i>pectinatum</i> , L.
d. var. intermedium, Eaton.	Cryptogramma acrostichoides, R. Br.	" <i>Phyllitidis</i> , L.
<i>Thelypteris</i> , Swz.	Cystopteris bulbifera, Bernh.	" <i>Plomula</i> , H. B. K.
" trifoliatum, Swz.	" fragilis, Bernh.	" <i>Sconieri</i> , H. & G.
<i>Unitum</i> , var. <i>glabrum</i> , Mett.	" montana, Bernh.	" <i>Swartzii</i> , Baker.
" sp.?	Dicksonia piloscula, Willd.	" <i>thyrsanolepis</i> , A. Br.
<i>Asplenium angustifolium</i> , Michx.	Gymnoogramma hispida, Mett.	" <i>vulgare</i> , L.
Bradleyi, Eaton.	" triangularis, Kaulf.	<i>Pteris aquilina</i> , L.
cicutarium, Swz.	Lomaria spicant, Desv.	b. var. <i>canadense</i> Hook.
" dentatum, L.	b. var. serratum, Willd.	d. var. <i>lanuginosa</i> , Bongard.
" ebeneum, Alt.	Nephrolepis exaltata, Schott.	" <i>Cretica</i> , L.
b. var. prolierum, Eaton;	Notholaena Aschenborniana, Klotz.	" <i>longifolia</i> , L.
" ehoenoides, Scott.	" candida, Hook.	" <i>serriata</i> , L. fil.
" <i>Filix-femina</i> , Bernh.	Fendleri, Kze.	<i>Schizaea pusilla</i> , Pursh.
b. var. angustum, Eaton.	" ferruginea, Hook.	<i>Scolopendrium vulgare</i> , Smith.
firmum, Kze.	Grayi, Davenp.	<i>Tectaria lanceolata</i> , R. Br.
Glenniel, Baker.	Hookeri, Eaton.	<i>Trichomanes Petersii</i> , Gray.
" monanthemum, L.	" Lemmonii, Eaton.	" <i>radicans</i> , Swz.
" montanum, Wild.	Newberryi, Eaton,	<i>Vittaria lineata</i> , Smith.
" parvulum, M. & G.	" nivea, Desv.	<i>Woodsia glabella</i> , R. Br.
" pinnatifidum, Nutt.	b. var. dealbata.	" <i>virginiana</i> , R. Br.
" rhizophyllum, Kze.	Parryi, Eaton.	" <i>Ivensis</i> , R. Br.
b. var. myriophyllum, Mett.	" sinuata, Kaulf.	" <i>Mexicana</i> , Fee.
Ruta-muraria, L.	" tenera, Gillies.	" <i>obtusa</i> , Torrey.
septentrionale, Hoffm.	Onoclea sensibilis, L.	" <i>Oregana</i> , Eaton.
serratum, L.	Struthiopteris, Hoffm.	" <i>scopulina</i> , Eaton.
thelypteroides, Michx.		<i>Woodwardia angustifolia</i> , Smith.
Trichomanes, L.		" <i>radicans</i> , Smith.
b. var. incisum, Moore.		" <i>Virginica</i> , Smith.

*Isocles* *varies* *spec. American.*  
*Equisetum* *spec. American.*  
*Scaginella* *spec. american.*  
*Lycopodium* *ceratum* *L.*  
*carolinianum* *L.*  
*alpinocervulus* *L.*

Paris 10 decb. 1885.

Cher monsieur,

Je me permets de vous offrir des échanges.  
J'ai noté en rouge les esp. de félées de  
votre liste que je n'ai pas et que j'  
aimerais obtenir.

de mon côté, je puis vous offrir des  
félées des îles Canaries où j'ai vécu  
en 1884. Par ex. *Acanthus reniforme*  
*L. A. renif.* *L. v. pessellum* Bory (var.  
nov. spéc.) *ab. Capill.* *venustipidum* Bory.  
*Aspid. mollis.* *Ranunculaceum* Link. *v. canar-*  
*ies.* *Canariense* A. Br. *falcinellum* Sw.  
*fondosum* Lowe. *Trichomanes radicans* Sm.  
*Davallia canariensis* Sm. *dictyonia* Culetz. Her.  
*Hydrocotyle* *cystopteroides* Desv. *Asplenium*  
*canariotae* Marantae v. *canariense* Borch  
*chilensis pulchella* Borg. *maderense* Lowe  
*Blyxa* v. *magellanica* Bieb. *Kenia arguta* Ait.  
*Or. longistylis* L. *Cystopteris fragilis* v. *canariensis*  
*Asplen. adian* v. *rigida* v. *acutum* Borg. et v.  
*productum* Linn. cf. *Hemitelia* St. *divers.* var.  
*Woodwardia radicans* Sm. *Selaginella kraussiana*  
Miq. *denticulata* Link.

En outre, j'ai quelques autres félées et  
crypt. vases. in l'essentiel à vous  
offrir, de France et de l'Europe mérid.  
Notées *caerulea* L. et *cotiniflora* der  
*ochioglossa*. *leptophyllum* L. *Aspid. Brauni*  
*Asp. dep. Ranunculaceum*. *Asp. lepnum*  
*fruticum* Kuhn. *Aspl. fontanum* Bernh.

*Allotrichia crispula* Schrad. (Urticium)  
alpestre Nye. *Cystopteris crenata* fries  
(de la filande sous le cercle arctique)  
et des variétés d'*Equisetum* du nord  
de l'Allemagne.

En outre, je pourrai vous donner des  
petanalogues des Alpes suisses:  
Lomatites, des Coriées d'Europe  
et des espèces ligneuses d'Europe  
dont vous voudrez bien m'indiquer  
vos besoins.

Je ferai bientôt un envoi à Mr.  
Sargent à Brookline Mass. et  
je pourrai vous envoyer les plantes  
que vous désirerez par cette occasion.  
Je vous prierai de faire votre envoi  
aussi à Mr. Sargent qui aura la  
bonne de me le faire parvenir.

Agreez, Monsieur, mes salutations  
très-distinguées

D. Christ

Bâle (Suisse)

au R. Jacques

Références: M<sup>r</sup> Leo Lefevreux  
Columbus. Oh. M<sup>r</sup> Engelman près St-Louis.  
M<sup>r</sup> Whitman Bailey, Providence R. I.  
M<sup>r</sup> William Booth, Boston etc  
M<sup>r</sup> Baker; New.

Basel. Switzerland  
22 December 1885

Dear Sir,

I am indebted for your address to my friend Mr. William Boott of your city, and I give myself the pleasure to offer to you a set of ferns of the Canary Islands and the Alps which I hope so will be of some interest for you.

I should be very glad if you could give me some of my American *desertata* contained in the following list (red.)

When you will send me anything, I ask you to forward the package to Mr. Sargent Brookline who will have the kindness to send it to me to Basel.

I have lately sent a letter to your former address to Medford, not being informed of your change of residence.

Yours truly

J. Christ  
Basel. Switzerland  
St. Jacobs-Street.

Mr. Geo E. Davenport.

Boston Mass.  
U. S. A.

Basel 22 feb 1889

Dear Professor,

Many thanks for your excellent new contributions concerning the flora of your southern States and the neighbouring Mexico, which - I have no doubt - will after more or less years be entered into the limits of your great dominion. That is the inevitable strength of circumstances! What a charming flora of these regions! and what a delicious climate it must be! flora and climate seems to be very near to that of our Riviera of Mentone or Nice: dry, sunshine throughout the year, and the most beautiful colors of the world! Lately my friend Mr. W. Bailey of Providence has sent me the fine Baileyas of these regions.

You will be astonished by receiving this letter written in your tongue, and - I am afraid - not a little perplexed by the numerous mistakes of my English style. The truth is

that I began seriously to learn English, because the knowledge of this language is more and more necessary to every botanist and, I must add, to every man desiring to stay in a living contact with humanity. I remember very well what a pity it was no to talk fluently with you when you called upon me so kindly a few years ago. Now, I hope, when you will make me another visit, I shall be able to convers with you a little better, but not without the involuntary humour of many mistakes. La le, - it was in Italy - I was seated at table near an Englishman, and I said to him that all Christian men should speak the same language. Yes, he said, and it should be the English language.

Allow me to send you my likeness. I should be very glad to receive yours!

I must ask you for a service. In order to make up a collection of diurnal butterflies and Hymenoptera as complete as possible, I wish to exchange a great stock of rare and interesting species of the Alpes and of southern Europe for American species. I should be very glad to enter in correspondence with a competent collector in your country.

Yours sincerely

D. Christie

Paul. R. Jacob-Sn. 5

me favoriser de quelques  
specimens de fougères  
nouvellement observées  
soit aux Etats Unis  
soit au Mexique ! Je  
suis à vos ordres pour  
des spécimens d'Europe etc.

Croyez-moi, cher  
monsieur et  
confière, votre  
très-dévoué

D. Christy

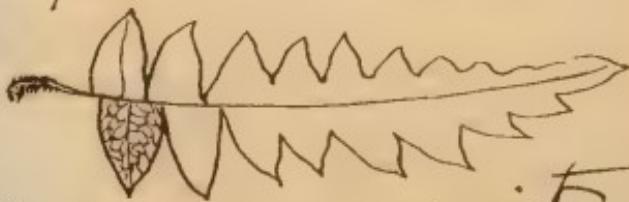
Bâle 30 novb  
M. Jacob Street 5  
1900  
France

mon cher monsieur,

votre article in "Rhodora"  
of Nov. 1900 sur le Dicksonia  
(Dennstaedtia) me fait  
savoir que vous vous occupez  
toujours de fougères;  
je me suis donc le plaisir  
de vous envoyer mon  
livre sur les fougères de  
mon petit pays: la Suisse.  
Je me suis donné beaucoup  
de peine en distinguant  
les variétés et les hybrides,  
et j'aime à croire que  
vous y trouverez quelque  
intérêt.

à cette occasion, je serais  
heureux de vos nouvelles,  
et doublement heureux  
si vous voulez bien

My dear Sir, 24 M<sup>l</sup> 1890.  
many thanks for your kind letter and  
the very interesting Mexican ferns.  
*Nephrolepis rigida* seems no very  
near to the *N. Lemmonii* East of  
Arizona which I received from  
Miss Teed of Los Angeles Cal.  
The two *Chilanthes mexicana* and  
*A. fillosa* are new members of the  
very difficult *Lentigera*-group!  
Your *Hemitelia elegans* is a very  
astonishing new plant! I would  
be very glad to obtain a specimen  
of it. Mr. Pittier detected a new spec  
of *Hemitelia* in Costa Rica which  
Mr. Bonnier of Brussels named  
erroneously *H. pinatifida*, of this  
shape:



Yours  
thankfully J. C. Christ  
Dane. A. Jacob Reed

Lato riservato all' indirizzo.

# Postkarte.

Carte postale. — Cartolina postale.

für die Adresse.



Côte réservée à l'adresse.



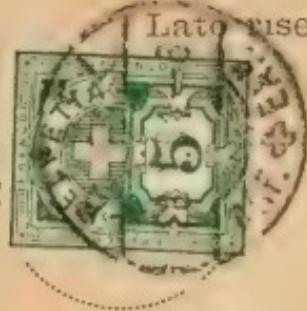
Mr Geo Davenzan



Meßbach

Mass. H. S. Ave.

Cher Monsieur,  
je vous encourage beaucoup à publier  
une nouvelle histoire des fil. Bors.  
etc. D'après la comparaison des  
formes amer. avec les formes  
d'Europe (esp. spinulatum  
et dilatatum, esp. gallicum  
et fil. nra affine, les aesples.  
etc.) sera très-interessante !  
J'ai reçus les spécimens et voy  
en renviseuse beaucoup. L'esp.  
simulatum m'intéresse bien  
coup. Est-ce que son rhizome  
ressemble à celui de Thelypteris ?  
Si vous voulez l'esp. montanum  
Vogler pour la comparaison  
je puis vous en donner.  
Je n'occupe pas des Dotsyphium.  
Si vous avez des doubles des  
formes d'amérique, je me  
recommande. Il semble que Mr.  
H. (Columb. Mu.) a multiplié  
les "espèces" un peu à la hâte.  
T'ajoute quelques spécimens  
pour vous. — Votre très reconnaissant  
Christian



Postkarte  
Carte postale. — Cartolina postale.

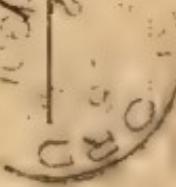
Nur für die Adresse

Côte réservée à l'adresse.

Mr. Davenport Esq

botanist

69 Fellsway. W.  
Wellesley. Mass.



M. H. Dow

V 00 — 6,000,000

Dear Sir:

I encourage you much to publish ~~a~~ a new history of the ferns of North America. Above all, the comparison of American forms with the forms of Europe (*Asp. spinulosum* and *Lilatainum*, *Asp. Goldianum* and *Asp. mac. affine*, the *Aspleniums*, etc.,) will be very interesting!

I have received the specimens and thank you very much for them. The *Aspidium simulatum* interests me especially. Does its rhizome resemble that of *Thelypteris*? If you wish for *Aspidium montanum* Vogler for comparison I can give it to you.

I am occupied with the *Botrychiums*. If you have duplicates of American forms please remember one.

It seems that Mr. U. (Colum. Un.), has multiplied species a little hastily

Very truly yours

I add some spec-  
imens for you.

Christ-

Bâle 30 Aug. 1901.

Il me semble que dans ces deux derniers des var. nommées et créées par M. Gilbert ont été déjà nommées et caractérisées : par ex. *Athyrium fil. fein. elegans* Gilbert qui me paraît être l'Ash. fil. fein. v. ~~latisp. moore longuem~~ écrit et figuré par Guerreen. Il y a aussi l'Ashy. fil. fein. rubellum Gilbert qui paraît être à la figure avec *Ashy. fil. fein. v. multilobatum* Doell qui a également le rizome et le rachis rougeâtre et qui est aussi conforme à la description de M. Gilbert pour la forme des segments etc.

Quant aux nouvelles espèces, je ne connais pas encore les suivantes : *Bostyrch. coulteri* Nederw.

" *siliifolium* Frsl.

" *tenebrosum* Etz

" *occidentale* Nederw.

" *virgin. v. gracile* brash

*Asternum caps. ven. v. elongatum*. Je suis étonné de lire p. 28 que cette galante atteint une longueur de 8 to 20 ft ! Est-ce que M. Lemmon n'a pas voulu dire inches ?  
A. *molestem* Nederw.

*Athyri. cyclosporum* Rupr.

*Polygon. vulg. v. columbianum* Gilb  
" *hesperium* Max

cher monsieur,

J'ai reçu le Working-list de M. Gilbert et vous en remercie sincèrement. Cette liste m'a vivement intéressé ; depuis la voûte il y a une augmentation notable de variétés, et même de quelques "espèces".

Quant à ces variétés, j'ai deux remarques à faire :

1.) M. Gilbert aurait mieux fait de séparer les variétés progressivement dites et les lueses et monostichosides. (*L. cristatum*, *furcatum*, *baccharia* tenui, *multifidum* etc.) Il n'est pas justifié d'appeler ces dernières modifications des "variétés", et le mélange de ces modifications avec les véritable variétés est un procédé qui est la source d'erreurs. La var. est une unité taxonomique; ce qu'il est un simple incident.

2.) Il me semble que M. Gilbert a trop peu étudié les ouvrages qui traitent les variétés et modifications des espèces d'Europe : Doell, Milde, Guerreen, Arkerson etc.

*Camptosorus rhizoph. v. intermedium* Arrib.  
*Asplen. fontanum* d' Amerique!  
" *ebenoides* Cott  
" *vesperinum* Mac

J'aimerais beaucoup voir ces espèces  
un peu d'*Ashby cycloporum* et d'*Aspid.*  
*montanum* Vogl. d'Amerique, et  
suis prêt à envoyer en échange des  
esp. et var. curieuses et rares d'Europe.

Agreez, cher monsieur, mes  
meilleures salutations, et  
veuillez disposer de moi :  
avec le plus grand plaisir  
je vous fournirai ce qui est  
en mon pouvoir.

Votre très - dévoué

D<sup>r</sup> Christ

Rosbury, Dec. 7, 1899

Dear Mr. Davenport:

It seems necessary  
that the prizes for school  
gardens should be deter-  
mined soon, and so I  
have called a meeting  
at one o'clock next  
Saturday at the usual  
place. Please come and  
read your report and  
make such explanations  
and comments as seem  
necessary.

Truly yours  
Henry B. Cleff.

Goldsborough

✓

Grafton H.  
Aug 15. '01

Prof. L. E. Davenport  
Dear Sir:

I send by this  
mail the fern (full  
length) of a fern, which  
I have just found here.  
I know it is an  
Aspidium, but can  
not tell what species  
nor variety.

a friend of mine, who  
is well versed in ferns,  
says it is something  
new. Can you tell  
me its name?

It grows in moist  
shady places, and the  
only ones I have found  
were with the Asplenium  
*felix-femina*, in a small  
place by the roadside.

You may perhaps re-  
member me as the

lady to whom you so kindly gave  
a pressed specimen of the *Dioch-*  
*hexagonopteron*, last Spring —  
Hoping to hear from you soon

Yours truly,

Ada Blaft.

Grafton Vt.  
Aug. 25, '01

Dear Mr. Davenport,

I did notice that  
only part of the buds  
on the plant were  
ripened, and some buds  
only partly so.

I should like to subscribe  
to the Rhodora beginning

with the September  
number, and inclose  
\$1. which I would like  
to have you forward  
for me. My address  
is 52 Hartford St.,  
Dorchester,  
Mass.

Yours truly  
Mrs. J. B. Clapp.

Rancho de la Hacienda  
July 1st 1871

B. simplex

East Weymouth, Mass.  
Oct. 16, 1904.

Dear Mr. Darepont,

Mr. Rich has the specimen of Dipteris Lunaria which I had on exhibition at the Hall this summer. My brother, who sent it to me from Keene, N.H., photographed it together with B. lanceolatum, a specimen of which he sent also at the same time.

I think that Mr. Rich will be glad to show you B. Lunaria if he still has it. I have two specimens of B. lanceolatum from the N.H. lot,

and will be glad to send them  
to you if you are interested in  
them.

Sincerely yours,  
Alice C. Parker,

190 Middle St.,

Neymouth,  
Mass.



You need not return this  
~~book~~ as I think I can  
get another.

Auburn N.Y. Aug. 28th. 1885

Dear Sir

Through the kindness of Prof. L. M.  
Mellon of Syracuse University, I have  
been favoured with a copy of your check  
list of U.S. Tens of April 1883. Will you  
do me the favor of sending a copy of your  
latest edition and oblige

Yours very respectfully

John S. Clark

Mr. Geo. E. Davenport

Medford Mass

Auburn N.Y. Oct. 28. 1885

Dear Sir

I send you by to day's mail three pieces of a fern root, one of a half dozen in my garden for identification. You will find the indusium on the smaller of the three, the color varying on the next larger. The root stock is similar to Goldicrassum, usually from 6 to 10 pounds from one to 3 $\frac{1}{2}$  ft. high - half an acre lighter color than either Goldicrassum or Clintonianum resembling the latter somewhat in habits of growth. The ponds generally are bounded in the middle, as also are the pieces from the middle of the larger pieces. It is very rare here, have never seen but the 1/2 dozen that I have growing. In several particulars it differs from Goldicrassum & Clintonianum as one can plainly see when side by side. Its recent cities under cultivation do not vary from those in its native station which is a blackish swamp. It comes near the description of *Felix-mas var. incisum* as illustrated in his work, but the serrae are not confined to the lower half of the segment, but nearly always reach to or near the extremity. I have never seen *Felix-mas* proper.

Very respectfully,

John S. Clark

Mr. Geo. E. Davenport

Wellesley Mass.

A. eriostachys  
Very Clintonianum

Honolulu H. I., March 31, 1883.

Geo E Davenport Esq

Dear Sir: I enclose with this the sketch  
of a pinnaule of a fern found by me on Maui H. I.  
about a year ago, and, from a specimen sent through  
the kindness of Prof Eaton to Kew Gardens, named by  
Prof Baker Asplenium Leucostictum. It appears to him  
to be a very interesting variety of Asplenium, and I shall  
take pleasure in forwarding to you some complete Speci-  
mens, embracing roots & rhizome (which is short) as soon as I  
can. Meanwhile, I would like to ask why is this  
Asplenium? - I have been told that in Asplenium  
the sori are arranged in lines oblique to the midrib,  
in the Leucostictum, you will observe that the  
sori are in one cluster seated close to the point of  
a sub-cutting which is turned over on it as in  
Davallia. If you will let me know what brings  
this under the head of Asplenium you will much  
oblige me. I take the opportunity of thanking you  
for the "Catalogue of 'Davenport Herbarium'" sent  
me some time ago. I am now in Honolulu  
in the office of the P.C. Attorney a copy of which  
I send you. Your truly  
H. L. Clarke.

Honolulu, H. I.

November 13<sup>th</sup>. 1885.

Gen. F. Davenport & So

Dear Sir.

With this I take pleasure in sending you a specimen of the only Urticaceae that the Hawaiian islands can boast of. I found the fern growing in a crater in a valley back of Honolulu, and though I have been gathering ferns now for almost ten years on these islands I must confess to being surprised when I found this variety. It answers well to the description given by Hillebrand who named it after Mr Liegat, who first found it some years ago. The following is the description.

C. Liegatii, Baker. Rhizome, creeping. stipe naked.  
1 ft long, strap-shaped like rachis, from a central  
rhizome, by 2 slender rhizomes branching out, suber-

2 mm, 1 to 2 feet long. lowest margin crenate,  
marginate (3) on the lower side, all the rest in-  
ciliate, 1 to 2 inches broad, cut down to a narrow  
vina into close, ciliolate, blunt lobes 3 to 4  
lines broad; barren, slightly toothed; texture &  
rind very coriaceous, surfaces naked. number 3-4  
lines broad, rounded, obtuse, rind, persistent;  
(confined to the lower zone of the pine ls, the  
rest reaching the top. F.L.O.) Scutellasteris Lie-  
nartii, Hillebrand 1888,

I have two fine rots growing in my nursery on King  
St. in this city, and hope to be able to furnish  
full specimens to my friends in a short time.

I have been much interested in your Catalogue of the  
Waukon Port Herbarium, received by us some years ago,  
and as I have made few notes etc. of late years am  
unable to add to the business of mounting sets

3 for \$7. I hope to hear from you on the subject.  
I am now ready to ship for 66 sets of the Hawaiian flora  
(including every known variety mentioned for Hawaii),  
for which I charge \$150, or per set. Each variety  
will be represented by a full size specimen includ-  
ing the root, and in some cases a specimen of the  
trunk, and the packages of about 180 varieties will  
be 6 feet long, 8 foot wide and about 2 foot high.  
Hoping to hear of the receipt by you of the en-  
closed

I remain

Very truly yours

F. L. Clarke.

Honolulu, Janv. 1.

San Diego Cal  
Apr 14/75

Mr Geo E Davenport  
Dear Sir

Upon letter of Apr 3  
with Check List is just right,  
As I have written & sent you the  
Ferns you desire.

Enclosed I send you a  
List of Ferns, I desire those  
marked t., and of course the new Ferns

Very truly yours  
D Cleveland,

San Diego Cal, June 27/15  
Mr Fred Davenport  
Dear Sir:

On letters of April  
15th & 29th, & package of fern, were  
recd, I believe that I acknowledge the  
receipt of the Fern, at the time & thank  
you for them. By this mail I send you a  
parcel containing  
1 Notholaena Newberryi,  
& Chilauchis, Cal  
& 1 C. " Cleolandii, Eaton, dry soil  
fern.

Enclosed I send you a list of my  
Acidicolas in ferns, any one of  
which I will be glad to get. You  
promised me specimens of the new  
fern collected by Dr Parry.

I am unable at present  
to send you live fern roots, but  
hope to do so next winter.

I happen to have but few species  
of my new fern on hand, and cannot

now be so liberal in supplying  
you as I would like to be.

The polypodium I sent you  
is *P. Californicum* - Prof Eaton  
says,

Hoping to receive another  
parcel of ferns from you, I  
remain Yours truly  
D. Cleveland

Received May 20/16

W. Geo. D. Darby Esq.  
Pearson

Your package and  
the letter of the 4th inst have been  
received, for which accept my thanks.  
On the 2nd inst. I sent to you two  
seeds of Chilanthus Aucklandii, to day  
I send you another parcel of fern, con-  
taining 1 Chilanthus Cal.

2 " Aucklandii

3 Pol. Cal

4 & 5th Newberryi, which  
I hope may reach you in good condition.  
I regret that the previous packet found its  
way ill.

Your obtained contributions  
greatly interest me,

My health is too poor to permit  
me to do much in the way of study  
or work.

I have not found Ad Rap Veneris  
in this County, but it grows a short distance  
below the Mexican line.

Enclosed is a list of what Palmer  
sent to me from them other for Nath.  
Veneris

I send to you herewith a list  
of my desiderata, with the number of  
specimens I desire, I do not wish  
to accumulate any more than enough  
for my two herbarium sets, and another  
set to give away. I do not propose  
to exchange anything but the flora of  
this County, and those only to a limited  
extent.

I have not seen Mr. Cooper yet,  
I hope sh will visit us here,

The young fronds of Ch. Chilensis  
are whitish, - the older brown, and  
the mature ones in fruit of a rusty  
Chocolate Color, -

Very truly yours  
W. C. Linnell

enclosing the Card of the vendor,  
the Miss Warden may obtain more of  
the fern if she desires.

Our delicious winter weather has  
begun.

Yours  
D. Cleveland

Jan Diego Cal. Nov 4. 17<sup>th</sup>

Mr Geo Edavaport  
Boston, Mass,

Dear Sir:

Your package of ferns  
and portal Card have been received, for  
which I thank you very much. You omitted  
to give the numbers on your portal card, but I  
managed, nevertheless, to identify the speci-  
mens. I yet lack 23 species and 3 varieties  
to make my Herbarium of N. American ferns  
complete.

I am not strong and well enough -  
though possessing sufficient leisure to collect  
much.

Enclosed is \$10. Will you be kind  
enough to send it to some person who  
makes a business of selling Lycopodium  
palmatum (dried for decorative purposes,)  
and has such quantity of the Olbrich  
fern as the money will purchase mailed  
to Miss Ellen H. Weeden  
Care of L. Story  
217 Washington Street  
San Francisco, Cal."

San Diego Cal., March 20<sup>th</sup>  
Mr. G. E. Davenport

Dear Sir:

Eurolund is a list of  
my desiderata in ferns, I will  
be glad to obtain any, and  
as many of them as you can  
furnish. I have had unexpected  
drafts on my Herbarium, which  
have pretty well exhausted my  
duplicates,

You were kind enough in  
your last letters to promise me  
additional duplicates of the ferns  
of your regions,

Very truly yours  
D. Cleveland.

San Diego Cal. Apr 27,

Dear Sir Your letter has been recd, many thanks  
for your kind response, I hope everything will  
work well with you, so that you may soon  
resume your collection & studies.

Our California Poly podiums ought to be  
worked up-

Your very truly

R. Cleveland

W. H. Jones & Company  
Manufacturers of  
Almond Oil, Butter, &c.  
and  
Lemon Extract.

WRITE THE ADDRESS ON THIS SIDE - THE MESSAGE ON THE OTHER



San Diego Cal. July 4/77

Dear Sir

By this mail I send you a small  
parcel of fresh spores of  
*Cheilanthes clelandii*, just  
collected - and enclosed some of  
*Cheilanthes Cal.* &  
*Polyodium Cal.*  
which I greatly to my regret, is the  
best I can do in this respect  
now.

Before I could get into the  
country the extreme drought had  
dried up the ferns.

If you want more ferns  
or anything else, command  
me.

When you write, please inform  
me what kind of microscope you  
use for examination of ferns. & the  
cost of such I don't know  
Very truly yours  
W Cleland

San Diego Cal., Sept 4/19

Dear Mr Davenport

Your letter of the 24<sup>th</sup> shall & ~~for~~ be  
of great value to me - for which  
accept my thanks. Do not send me any  
more New England ferns - or those of the Middle  
States. I already have on hand more than I shall  
need for years. I desire only the rare  
forms, mostly from the Southern States & New  
Mexico & Arizona. The first *K. Clevelandii*, was  
collected at a point 25 miles distant from where I  
now get my supply. Then not collected it in the  
original place for three years. Please send me at

least 3 or 4 Specimens of what you take to  
be Ch. negruophylla. Why do you not send  
some of my specimens - especially of the last, to  
Prof Eaton? There is a decided difference  
between this form & that I first collected. Can  
you not spare me one or two fronds of  
your Ch. viscidula? I may collect in  
that neighborhood next Spring.

Mr E. H. Kitchings promised me a  
lot of my desiderata last Spring, but  
to my disappointment I get nothing  
from him. I do not exchange many  
Ferns & do not care to. My chief am-  
bition in this respect is to complete my set  
of Et. Am. ferns.

Do not forget - No more Ferns from  
the Northern States.

Yours sincerely  
D. Cleveland

San Diego, Cal.  
Jan 27<sup>th</sup> 8

Dear Mr Davenport

Your kind card of the  
12<sup>th</sup> inst. is just received. I thank  
you very much for your kind paper  
version of the update of *Chloranthes*  
*Clusioides*, and feel assured that  
it will owe much of its excellence  
to your kindly care.

I do not feel able to  
subscribe to this work "The Ferns  
of N. Amer.", and deeply regret it -  
for I would much like to have the  
work, and especially desire to have the  
plate & description of my own fern -  
but I cannot get them without subscribing  
for the whole work, which is out of  
the question at present.

By this mail I send you a  
small parcel containing 1 or 2

*Ophiocaulis*, & *C. meiophyllo*, as I make  
them out, also I correct,

I have but little of *C. Clarkia*,  
on hand, or I would gladly send you much  
more. I hope to get a supply this Spring.

*Chelanthus Clarkia*, as I wrote to  
Prof Eaton at first - grows on shaly banks,  
in rich soil, under bushes - the fronds -  
coming up singly, each one being  
quite distinct in locality from its neighbor -  
I have always found it near the base of mountains.

*C. meiophyllo* - on the contrary -  
I have found near the summit of mountains -  
It grows in rather open places, with an  
exposure to the sun, in stony soil - It  
grows in something like clumps, I have  
often plucked up from five to fifteen  
fronds at a handful,

part of my special collection, but fails to  
do so.

Then all the ferns of the N. F.  
except about 25 species varieties, and  
pretty desirous to complete my Herbarium -  
Can you not aid me? I want the  
Ferns of Florida & New Mexico,

Can you give me the names of  
some foreign Correspondents from whom  
I can secure foreign ferns?

Very sincerely yours

D. Cleveland

Mr E A Hitchcock being interested  
to own fine ferns has repeatedly promised  
during the last year to send me a

San Diego Cal.  
Mar 20<sup>th</sup> 87

Dear Mr Davenport

The frontal part of  
paper on *Aspidium spinulosum*  
has been received, for which  
accept my thanks. The paper interests  
me very much.

Please excuse me for not  
writing by this mail a specimen of  
what I take to be

*Neuroleathes elegans*,  
tho' I am not certain about it. You  
may keep it.

Prof Eaton writes to me  
concerning of my E. 34th St. New York,  
the discovery of this fern, as follows -  
"3 is very near to 4 (Ch. Fendler)  
but the scales are narrower & more  
pointed. It seems to me the same thing

as some *C. elegans* I have from  
Peru, South America, a Station given  
by Stokes in Specie Fil II p 102,  
the first given of Stations represented  
in his herbarium. In Syn Fil.  
*C elegans* was united with *C. magniphylla*  
but Garrison in *Physcomitrium* of  
Allegies keeps them distinct.

You may keep the Speci-  
men. Until what a bitter one  
but I have not.

Doublet Mr. Stott will  
send you a specimen if you write  
to him. You may see my name  
with him.

I feel that you are  
entitled to aid from botanists  
in pursuing your investigation  
which has already been of so  
much value to students and lovers

of ferns.

Mr. Stott found *C. elegans*  
near the Berna. Rio.

Please inform me whether  
the Specimen sent is *C. elegans*,  
or not. I obtained it from Mr. Stott,  
but may have confounded the fern,  
from separate localities collected by  
him.

Your truly  
A. C. Willard

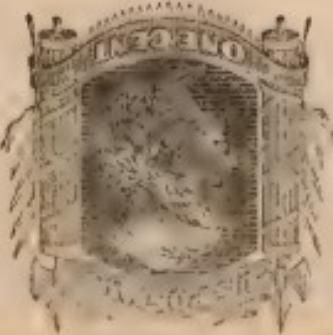
San Diego Cal. May 23<sup>rd</sup> 78

Dear Mr. Davyfoot.

The Number of Ferns of U.S. sent by you is just  
rec'd., for which accept my thanks. It will add very  
much. The plate of *C. viscosa* Sc. Clevelandi is a fine one -  
I have been without this Spring. Then collected here with the Cheilan-  
thes. I hope to be able to send you a parcel of ferns  
soon & may have some novelties. There is a Cheilanthes  
& a Notholaena which I have not seen & am in doubt  
about. Then one Plechnum serratum from the -

Yours

J. Cleveland



Mr. George E. Sawyer  
8 Hanover Place  
Brooklyn



WRITE THE ADDRESS ON THIS SIDE - THE MESSAGE ON THE OTHER.

firms in rendering more accurate  
our knowledge concerning them. For  
some reason, Prof. Eaton who ought to  
engage in this work earnestly and thoroughly  
does not, and from one else must  
step forward, and undertake the labor  
of investigation. You seem to be peculiarly  
fitted for the work. You have already rendered  
good service, and will do yet more.  
Hope. Wish you success on  
honor.

Yours truly  
D. Cleveland

San Diego Cal.

Dec 14. 1878

Dear Mr. Daorupat.

Your letter of the 3d. has  
been read and re-read with great  
interest. I am glad to know the truth  
of this ~~on~~ fact of this section, whether  
that truth annihilates species(?) or not.  
The time I communicate with Dr. <sup>and</sup> ~~and~~ <sup>Dr. F. W.</sup>  
my suggestion. Of course, he <sup>has</sup> ~~has~~ <sup>not</sup> told  
that he has observed <sup>the</sup> ~~the~~ <sup>the</sup> ~~the~~ <sup>the</sup> ~~the~~ <sup>the</sup> ~~the~~  
<sup>regarding</sup>? Having derived all my information  
as to this fact from him, I cannot communicate  
anything new. The difference in the form of  
the scales of *P. fuscata*, & the supposed *P.*  
*flexuosa* is very slight. & it would seem like a  
small thing to found a species upon -

If what I sent to you, is not  
*Pellaea flexuosa*, and I now believe it is  
not. I have not found any *P. flexuosa*  
here. I was misled in this way. I sent  
some of this form of *P. nudum* to Dr. Wall

of Columbus Ceylon, who seems to be a  
pretty good amateur authority on ferns.—  
He wrote back asking me if it was not *P.*  
*flexuosa*? I then sent Specimens to John  
Robinson, Salem & Prof Eaton. Mr Robinson  
wrote back that it was *P. austrom.* while  
Prof Eaton wrote that it was *P. flexuosa*.  
Within a few weeks Prof Eaton has written  
to Mr. Wetmore that he was mistaken  
in calling it *P. flexuosa*, that it is *P.*  
*austrom.* As soon as I saw the  
No. of the "Terni" which illustrates the  
two species, I was satisfied that  
my fern must be *P. austrom.*

I would like a dozen of your  
Catalogue of ferns, if it is not an  
expensive work publication. The Edwards  
Check list is useful, but a somewhat  
different one, giving more information, and  
of higher authority is needed.

Can you lend me a specimen,  
or even a fragment, of *Asplenium Cal.*?

I want better specimens of  
*Asplenium ebenum* & *seriatum*

" *ebenoides*.

" *Bradleyi*.

*Asplenium reductum*.

" *Floridanum*

" *intermedium* v. *dilatatum*

*Woodia Organa*

*Polyodium Scouleri*,

" *plenum*.

*Notogrammitis* (implied varieties).

*Micropeltis* *Dryopteris*.

*Fissidens trichoma*, in fruit,

not more than 3 specimens,  
of any of them.

I will appreciate your  
kindness in supplying such of your my  
desiderata as you can.

You are doing a very  
useful work for all who love

San Diego Cal. April 25/79

Dear Mr. Davenport.

Your Catalogue of ferns has  
been received, and studied with interest and profit.  
May I suggest a few things that have  
occurred to me in connection with it?

Here at San Diego we find only the silver  
form of Gymnosperma triangulare, Back.  
Some ten to thirty miles from the coast  
the golden form predominates, and in  
some sections is the only form seen.  
On one portion of a hill side we  
find only the silver, and on another

portion only the golden form.

Page 12 Noth Pangia. You have aqua  
caliente. It should be aqua calante  
You have latencies the water.

Pages 13 & 14 Ph. Fendlerae. You  
have Pajon. It should be  
Pajon. Pajon <sup>(Ka-kon)</sup> means box  
in the Indian tongue.

Luck I could see  
the Waukegan Herbarium.

I have sent a good  
many live plants of our San  
Diego fern, to Mr. J. Warren  
Merrill, of Cambridge.

About two months ago I  
received a small package of ferns,  
from Mr. Hitchings, containing  
one or two of my desiderata  
Mr. Merritt has added greatly to  
my Herbarium.

Dear Dr. Clark  
Why don't you prepare a  
manual of the ferns of the U.S.  
instead of confining yourself to  
the ferns of New England? John  
Williamson's plates of ferns (of Kentucky)  
are good. I don't think much of the  
work otherwise

Yours D. C. Clark

Mr. D. M. C. Col

Jan. 20/77

My dear Dr. C. Col

I have just now  
written you, & am, therefore,  
writing again, to thank you for  
the fine collection of  
fish you sent me, & also  
thank you for your kind  
and very friendly note. I have  
just now finished writing, &  
will send the fish to Mr. G. H.  
Wright to thoroughly examine them &  
then you will receive a full  
report of my observations.  
Please let me know when you  
will be in town, so that I can offer  
you my professional services.  
I am in the season for collecting, &  
fairly soon for the last occasion unless  
I should happen to stay longer.  
Yours very truly,

of the case, did he have opportunity  
respectfully present his views, or had he  
failed to bring it in the mind of the King;  
the good to speak for the welfare  
and of the Queen, of the crown now,  
it will make me properly sensible in the  
course of action to take in my own country  
and in our influence. One of your great  
Patriots & friends - of whom Sophia Kanta  
is a country girl as now, and may  
soon be! & I was at her home in down  
right country, but it is inaction as yet,

I expect to return to her again  
in a few days.

"A kiss for a Happy birthday,  
and a Happy New Year,

"I am wholly worn up, every-  
thing like a general exchange of views, even  
now & with my wife doing & one person  
is a sufficient number.

"Yours truly yours,

A. L. C.

San Diego Cal. May 16/52

My dear Mr. Asa Gray

Your postals & letter concerning  
our *Ophioglossum nudicaule* - have been recd -  
I thank you for the Pot. Schwartze, wh I had  
not.

I sent yesterday about 50  
Specs of Oph. nudicaule collected in  
Mt. & Apal. here. If not enough I  
will spare you more, I have sent  
to Prof. Eaton, Cl. Lown, & will send  
to Prof. Asa Gray.

The "San Diego Fern" is  
*Aspidium aculeatum* var. *proliferum*.  
~~I first~~ & it does not grow here, but,  
so far as I can ascertain only as  
an exotic in greenhouses. I first learned  
of it through Miss -  
a few years in the family of R. E. Bent  
San Rafael Cal. & that may argue

She sent me some of it. Of  
course you have seen it.

I am not well & can  
do but little work at present. May  
be about from San Diego and San-  
mer, but if my address will  
remain San Diego.

In haste

Yours truly  
D. Cleveland

San Diego, Calif.  
Sept. 19, 1887.

My dear Mr Davenport -

Enclosed I send 35¢ for  
a copy of your photograph of Ophryocer-  
eas of the U.S.

I hope the winter is using  
you well, and that your health has improved  
since I saw you in Boston in June 1886.

I am failing much better  
now than then.

Sincerely yours  
David C. O'Brien  
P. O. Box 164 -

No 15 Hancock St. Boston

Thursday, Jan 3/86 -

My dear Mr. Dampton-

Upon my return from Cambridge yesterday afternoon, I found your porter - ~~he~~ found, upon an examination of my porter, that I had failed to post a note written you on Monday.

I am to go to Concord today, and to Pawtucket tomorrow. It is probable that I shall have Saturday afternoon & Monday (Tuesday afternoon) to see you. I shall be glad to call at No 8 Hamilton Place if you are to be in

Yours truly -  
D Cleveland

Buffalo, N.Y. June 11, 1879.

My dear Sir:

Kindly tell the members I  
have ~~enjoyed~~ but for many years  
have been devoted to forming &  
extending the collection of the  
Buffalo Society of Natural Sciences,  
and every important addition  
to it brings me pleasure.

The Aspidium spinulosum has  
been with me for a very  
long time problem. I have read  
with great interest your ex-  
cellent paper, but to my unsat-  
isfaction find that the specimens  
collected in our Park are  
not in a condition to enable me  
to identify with certainty.

test that paper furnished you  
must ensure me them for being,  
in behalf of the Society, ~~that~~  
~~a~~ specimen of *Bertia*. *Sphaerium*  
*undatum*. authenticated by  
specimen labels, for the Museum.

I need hardly assure you that  
it would gratify me exceedingly  
to give you a pleasure in this.  
I cannot hope to give you an  
equal to that which you can  
give, by compliance with this  
request, to

Mine very truly,

L. W. Clinton.

Gov. L. D. Donisthorpe.

= = =

Linnaean Fern Bulletin,  
A Quarterly Devoted to Ferns.

WILLARD N. CLUTE, Editor

Binghamton, N.Y. Nov 8 1896

Dear Mr. Davenport,

Your two letters  
and note on Dypteryx,  
cris Xmas, has been re-  
ceived, also Garden & Forest  
containing your article,  
for all of which - please ac-  
cept my thanks.

I think I can get you  
a copy of no 12 of the Bulletin,  
but no 3 seems rarer. The  
last of this number was sent  
to Dr. Trelease at St Louis,  
and I shall advertise in  
the January number for  
copies of Vol 4 no 1, for  
Dr. Trelease and some others

who want it,

Shall try to get your  
note on *Syoptes* X in the  
January number, but it  
may be crowded out in which  
case it will appear in April.

I see now that the "cut"  
in Garden and Forest is too  
large for the Bulletin but  
I shall make mention of  
your article.

Am glad you are polish-  
ing up the manuscript of  
your fern-book. The country  
is not overstocked with such  
works yet.

Wishing you all success,  
& remain,

Very respectfully  
Willard N. Clute,

\*\*\*

*Linnæan Fern Bulletin,*  
A Quarterly Devoted to Ferns.

WILLARD N. CLUTE, EDITOR

Binghamton, N.Y. Nov 12 1916

Dear Mr. Davenport,

Enclosed herewith is the article you requested.

This subject of hybrid ferns seems particularly prominent at present, and I think an article on the subject, in view of your cristata × marginalis plant would be a good thing. I believe such an article should discuss hybrid ferns in general, and especially such reputed hybrids as Asplenium ebenoides, A. Bradleyi and the like. Then, your own hybrid would

come in for its dues. If  
you should ever write  
such an article and  
should care to have it pub-  
lished in the Bulletin, we  
should be very glad to have  
it.

Yours truly  
Willard N. Clute,

It seems probable that  
I shall be at the Herbarium  
of Columbia College next year.  
Should you get down to  
New York I should be very  
pleased to meet you.

Columbia University in the City of New York  
DEPARTMENT OF BOTANY

Jan 6 1897

Dear Mr. Allen speak,  
Your bill has just been  
forwarded to me from Binghamton.  
You have sent me too much money.  
Your dues as an associate member  
were paid up to July '97 hence you  
over 25<sup>¢</sup> & it pay up to Jan 1 '98, there  
is thus 75<sup>¢</sup> due to you, will you  
please let me know what to do with  
it? I shall hold the money and await  
your reply.

I shall be glad to have notes from you at  
any time. I hope to reprint most of  
your remarks on fronds in the Botanical  
Biology in our apid number.  
My address in future will be as above.  
All correspondence about the Bulletin may  
be addressed to me here.  
I shall try to make the Bulletin better now  
that I have access to more books and  
older material.

Hastily yours,  
Willard Nelsot

Columbia University in the City of New York  
DEPARTMENT OF BOTANY

Aug 18 1897

Mr. George Davenport,  
Dear Sir:

I should be very glad  
to give you the space in the July Bulletin  
that you request.

I have seen some of Dr. Under-  
wood's material and the plants of B.  
ternatianum Leucanthoides look like a good  
species, but am very glad when no  
evidence on both sides of my subject, and  
shall be very glad to give space to any  
researches you care to send me on the  
subject of this variety or any other.

Very truly yours,

William N. Black

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MONTHLY, \$1.00 A YEAR.

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FERNS AND FERN ALLIES OF NEW ENGLAND. DODGE. 50c.

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**NEW YORK OFFICE:**  
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MAY 1962 VOL 38 NO 5 189

Yours very truly, —  
John C. Calhoun

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NEW YORK OFFICE:

N. Y. Botanical Garden, Bronx Park.

Willard N. Clute,

Willard N. Clute,

THE FERN BULLETIN  
WILLARD N. CLUTE, EDITOR  
BINGHAMTON, N. Y.

V

Binghamton, N.Y. May 16, 1900.

My dear Mr. Davenport,-

Some time ago, I wrote you regarding a copy of Eaton's photograph for use in the Fern Bulletin in July. Since I have received no reply, I take the liberty of writing to you again, thinking my former letter may have miscarried. Since the time for going to press is rapidly approaching, I should like to feel sure that we will have the material for the article at hand. If you do not find it convenient to loan me the photo, could you tell me where I might be able to get the loan of a copy? I write to you thinking you must know more about Eaton than any other ~~New England man~~ New England man. Hoping you can favor me, I remain,

Yours truly,

W. N. Clute.

WILLARD N. CLUTE & CO.  
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THE FERN BULLETIN  
THE AMERICAN BOTANIST  
WILLARD N. CLUTE, EDITOR  
JOLIET, ILL.

Ag. 10, 05

Dear Mr. Davenport,

Just before leaving for my summer vacation I sent you reprints of the Mexican fern but I forgot whether I sent you a list or not. At any rate I enclose it now, no hurry about the pay.

Could you review my "Fern Allies" in Rhodora and if not, do you know to whom I should send the book for review. I would like Rhodora readers to know about it.

The Fern Bulletin is waiting to be issued, simply because I have not enough manuscript to make up a number. I can use a lot of my own stuff but prefer not to if others will contribute. Have you nothing that needs to appear in print.

I am glad the nomenclature cracks got sat down on at Vienna. I hear Britton and his crowd got very little satisfaction.

Yours sincerely

Willard N. Clute,

will mail the original drawing to you in a day or so. Misled at present.

WILLARD N. CLUTE & CO.,  
PUBLISHERS AND BOOKSELLERS  
BINGHAMTON, N. Y.

Editorial page.

I shall always be glad to publish your comments and hope it will not be so long again before we have something from you. If all of the conservatives keep silent, the verdict will go to the radicals by default. Keep rapping Underwood whenever he needs it. Perhaps he will not throw so much mud in reply, as I recently called him down for his discourtesy to all who disagreed with him. Will return Dr. C's letter when through with it.

yours sincerely  
Willard N. Clute,

WILLARD N. CLUTE & CO.  
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THE FERN BULLETIN  
THE AMERICAN BOTANIST  
WILLARD N. CLUTE, EDITOR  
JOLIET, ILL.

N. 25, 05.

Dear Mr. Davenport,-

I shall ~~be~~ be glad at any time to print anything you have to say on ferns, and as many pages as you like. The cessation of a considerable number of short notes has given the Bulletin a much larger amount of space to devote to continued articles or more extensive single ones. You have probably noticed that we are using longer articles than we used to. As to illustrations, we shall be glad to make any reasonable number. We can draw, without charge to you, as many of the specimens as you wish, but in a case like this of the Botrychiums where the difference of opinion hinges upon very small differences in the cutting of the fronds, it might be better to have a photograph. If you could manage to get the specimens photographed in such a way that they would make a single page illustration we would use it as frontispiece for January Bulletin. But we will have the specimens drawn if you wish and I would be glad if you would tell us which you wish drawn and whether you think they would look better in two illustrations; please say how to arrange them.

Yours truly,

Willard N. Clute,

WILLARD N. CLUTE & CO.  
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THE FERN BULLETIN  
THE AMERICAN BOTANIST  
WILLARD N. CLUTE, EDITOR  
JOLIET, ILL.

Ja. 13, 06.

Dear Mr. Davenport,-

That is a good article of yours and I think I shall give it first place in the Bulletin. Your illustrations, however, are something of a problem. I shall use one for frontispiece but the paper in the body of the magazine is not of a kind to take photo-engravings. Now what shall we do? We could reproduce the page from the book as our frontispiece and make a drawing of the specimens in line to run in the body of the magazine, or we would have the photos reproduced by a coarse screen, something like newspaper cuts and run them in the body of the magazine. Possibly we might run the illustration of the specimens in this issue and use the photo from the book for the April frontispiece. I will wait until I hear from you before proceeding to make the illustrations.

We did not have much of a time at New Orleans. There were not many botanists present and we dispensed with the reading of papers at the Fern Meeting.

Wishing you a happy new year, I remain,  
yours sincerely,

Willard N. Clute,

I see Lyon has knocked out *Botryclium* and taken most of Underwood's credit in Bot. Gaz. Poor Underwood!